

Thiebaud lined his bakery window with beautiful cakes decorated in different ways. Solve these "delicious diagrams" and you will get to take a few home!

First, print and cut-out the pictures of the individual cakes. If you do not have a color printer, color the cakes like those in the painting. Look carefully at each cake, then follow the directions to find the ones you get to take home.

Number 1 (use diagram 1)

- Place all the chocolate cakes (with any chocolate at all) in the left circle.
- Place all cakes with round red candy on top in the right circle.
- Do any cakes have both characteristics—chocolate and round, red candies? Place those in the center where the circles overlap.
- Which cake(s) ended up in the center? Put the "winning cake" in the takehome box: It is yours!

Number 2 (use diagram 2)

- Place all cakes with spirals in the left circle.
- Place all cakes with spokes (lines radiating out from the center) in the right circle.
- Put any cakes with both qualities—spirals and spokes—in the middle where the two circles overlap. Place them in your take-home box.

Number 3 (use diagram 3)

- Place all cakes with white frosting in the left circle.
- Place all cakes with flowers in the right circle.
- Put cakes with pink frosting in bottom circle.
- Which cake(s) have all three characteristics? Put them in the center, the overlapping section of the "delicious diagram." Move them to your takehome box.

Number 4 (use diagram 5)

- Put partial cakes in left circle.
- Place cakes with chocolate in right circle.
- Place cakes with white frosting in bottom circle.
- Which cake goes in the middle? Take it home!

Diagram 1

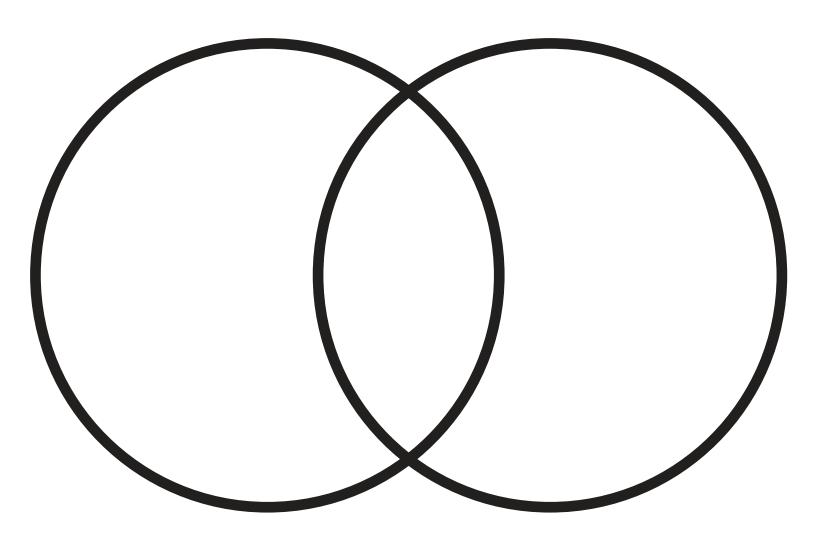


Diagram 2

